Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Saturday 24 Dec 2022 until 23:59 on Sunday 25 Dec 2022

Forecast Issued on Saturday 24 Dec 2022 at 03:25

Confidence: High for occasionally unsettled and generally mild weather, besides a colder day on the 27th. Confidence low in the timing of the worst of the rain and any strong winds, however.

Headline for Saturday 24 Dec 2022: Mainly dry start. Isolated showers for afternoon, more frequent and perhaps thundery during the evening.

Mountain weather hazards on Saturday 24 Dec 2022

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
Low Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
Low Likelihood

Heavy persistent rain
No Likelihood

Storm force winds
No Likelihood

Poor visibility
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
FOG					
Fog	Sunny intervals	Cloudy	Cloudy	Heavy rain showers (night)	Heavy rain showers (night)
Precipitation probability					
10%	10%	10%	30%	50%	60%

Forecast for Saturday 24 Dec 2022

Weather: Bright spells and largely dry through the morning. Gradually turning cloudier from afternoon with showers becoming frequent and heavier at times during the evening. A chance of thunderstorms and hail after dark, with the greatest risk across western hills.

Chance of cloud-free hill tops above 600m: 90% becoming 80% during the afternoon and 60% during evening

Low cloud and visibility: Mainly good becoming moderate or poor at times in showers and within cloud. The odd patch of cloud obscuring hills above 600m during the morning, mainly with showers. Cloud becoming more widespread and thickening above 500m during the afternoon and evening.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Met Office Mountain Weather Forecast

Forecast for Saturday 24 Dec 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	20/26 SW	19/28 SW	21/30 SW	23/32 S	26/38 S	26/37 S	25/35 SW
300	14/23 SW	15/26 SW	16/24 SW	15/23 S	19/30 S	18/28 S	19/30 S
Valley	6/20 SW	7/23 SW	9/22 SW	9/23 S	11/28 S	12/28 S	12/28 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-3	4/-2	4/-2	5/-1	5/-1	5/-1	5/-1
300	5/1	5/1	6/2	7/3	7/3	7/3	7/3
Valley	5/2	4/2	6/4	7/4	7/4	7/4	7/4
Freezing Level*	1100m	1100m	1100m	1300m	1300m	1300m	1300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Slight chance of gusts reaching 50mph across most exposed ridges and summits from the afternoon, with a notable wind chill. The strongest gusts likely during heavy showers.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sat 24 Dec 2022	12.6mm	15.6mm	15.8mm

Forecast for Sunday 25 Dec 2022

Weather: A bright and windy Christmas Day with frequent showers. These mainly focused in the west where they will be heavy at times, bringing the risk of hail and thunder.

Maximum wind: Southwest 30-35mph with gusts 50mph, easing from late morning.

Chance of cloud-free hill tops above 600m: 80%.

Low cloud and visibility: Good becoming moderate or poor in rain. Cloud occasionally obscuring tops above 600m, with only limited clear spells. Some cloud possible as low as 500m during showers.

Temperature: **Valleys:** Plus 4 Celsius rising to Plus 9 Celsius
At 600m: Plus 6 Celsius
Freezing level: Above the summits.

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